

03050110-060
(Toms Creek)

General Description

Watershed 03050110-060 is located in Richland County and consists primarily of *Toms Creek* and its tributaries. The watershed occupies 33,233 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Dothan-Norfolk-Vaughan-Marlboro-Chastain series. The erodibility of the soil (K) averages 0.20; the slope of the terrain averages 4%, with a range of 0-15%. Land use/land cover in the watershed includes: 0.68% urban land, 15.94% agricultural land, 4.72% scrub/shrub land, 1.58% barren land, 67.10% forested land, 8.43% forested wetland (swamp), and 1.55% water.

Toms Creek watershed contains a total of 60.0 stream miles, all classified FW. The headwaters of Toms Creek flow through Haithcock Pond (60 acres) and Westons Pond (50 acres) before being joined by Ray Branch. The creek then flows through Drafts Pond (80 acres) and accepts drainage from McKenzie Creek before flowing into the Congaree River. Another natural resource in the watershed is the Congaree River Swamp National Monument, which extends across the lower end of the watershed.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
C-579	BIO	FW	TOMS CREEK AT POWER LINE & RR TRACK
C-072	W	FW	TOMS CREEK AT SC 48

Toms Creek - There are two monitoring sites along Toms Creek, which was Class B until April, 1992. Aquatic life uses are fully supported at both the upstream site (C-579), based on macroinvertebrate community data, and the downstream site (C-072). This is a blackwater system, characterized by naturally low pH and dissolved oxygen concentrations. Although pH excursions were noted, they were typical of values seen in such systems. Recreational uses are not supported at the downstream site due to fecal coliform bacteria excursions.

Permitted Activities

Point Source Contributions

There are currently no point source dischargers in this watershed.

Growth Potential

There is a low potential for growth in this watershed. US 378 and Bluff Road cross the area, together with two rail lines. The area along Garners Ferry Road is the only area of potential growth.